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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	Herewith
ာ	STATEMENT BY APPLICANT			First Named Inventor	Thomas C. McDonald
	(use as mar	ny sheets as i	necessary	Group Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	CNTR.2144
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Examiner	Cito	U.S. Patent Do		Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant
Initials	Cite No.	Number	Kind Code <sup>2</sup>	of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
1/	AA	5687349		McGarity	11/11/1997	
M	AB	5761723		Black et al	06/02/1998	
W	AC	6279105		Konigsuburg et al	08/21/2001	
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FOREIGN PATENT DOCUMENTS  Date of Publication of Date Column Lines Where Rel										
Examiner	Cite -	Foreign Paterii L		Name of Patentee or Applicant	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant				
Initials	No.1	Number <sup>4</sup>	Kind Code <sup>5</sup>	of Cited Document	MM-DD-YYYY	Passages or Relevant Figures Appear				
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\*EXAMINER: Initial interence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>5</sup>Applicant is to place a check mark here if English language Translation is attached.

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INFORM	NATION DIS	<b>CLOSU</b>	IRE	Filing Date	7/31/2003	
STATE	MENT BY A	PPLICA	NT	First Named Inventor	THOMAS C. MCDONALD	
• – .				Group Art Unit	2183	
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Sheet	1	of	4	Attorney Docket Number	CNTR.2144	

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U.S. PATENT DOCUMENTS									
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where				
Initials*	No.1	Number-Kind Code <sup>2(ii known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear				
M		5706491	01-06-1998	Steven C. McMahan	пррев				
/		5313634	05-17-1994	James Eickemeyer					
		5961629	10-05-1999	Nguyen et al					
		5832289	11-03-1998	Shaw et al					
		5828901	10-27-1998	O'Toole et al					
		5864707	01-26-1999	Tran et al					
		6035391	03-07-2000	David L. Isaman					
		5353421	10-04-1994	Emma et al	·				
		6081884	06-27-2000	Paul K. Miller					
		6250821	06-26-2001	Greg Schwendinger	·				
		5805877	09-08-1998	Black et al					
1		5948100	09-07-1999	Hsu et al					
		6233676	05-15-2001	Henry et al					
		5623615	04-22-1997	Salem et al					
		6175897	01-16-2001	Ryan et al					
		5734881	03-31-1998	White et al					
		6260138	07-10-2001	Jeremy G. Harris					
		6823444	11-23-2004	Henry et al					
		6256727	07-03-2001	Robert Greg McDonald					
1		5931944	08-03-1999	Ginosar et al					
		5881260	03-09-1999	Raje et al					
		4860197	08-22-1989	Langendorf et al					
		5142634	08-25-1992	Fite et al					
		5163140	11-10-1992	Stiles et al					
1	1.	5404467	04-04-1995	Saba et al					

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Substitute for form 1449A/PTO				Complete if Known		
					10/632219	
INFORM	ATION DISC	LOSU	JRE	Filing Date	7/31/2003	
STATE	MENT BY AP	PLiC/	ANT	First Named Inventor	THOMAS C. MCDONALD	
				Group Art Unit	2183	
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Sheet	2	of	4	Attorney Docket Number	CNTR.2144	

U.S. PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2(If known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				
M		5687360	11-11-1997	Po-Hua Chang					
1		5867701	02-02-1999	Brown et al					
		5964868	10-12-1999	Gochman et al					
÷		5974543	10-26-1999	Hilgendorf et al					
		5978909	11-02-1999	Oded Lempel					
		6088793	07-11-2000	Liu et al	-				
		6151671	11-21-2000	D'Sa et al					
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		6502185	12-31-2002	Keller et al					
		6601161	07-29-2003	Rappoport et al					
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T		5355459	10-11-1994	Matsuo et al					
		5850543	12-15-1998	Shiell et al					
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		5513330	04-30-1996	David R. Stiles					
		6457120	09-24-2002	Balaram Sinharoy					
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•		5812839	09-22-1998	. Hoyt et al					
		5604877	. 02-18-1997	Hoyt et al					
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		4181942	01-01-1980	Forster et al					
		5881265	03-09-1999	McFarland et al					
		5968169	10-19-1999	James K. Pickett					
V		6085311	07-04-2000	Narayan et al					

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				Application Number 10/632219		
INFORM	ATION DIS	CLOSUR	RE .	Filing Date	7/31/2003	
STATEM	STATEMENT BY APPLICANT				THOMAS C. MCDONALD	
				Group Art Unit	2183	
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Sheet	3	of	4	Attorney Docket Number	CNTR.2144	

U.S. PATENT DOCUMENTS										
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where					
Initials*	No. <sup>1</sup>	Number-Kind Code <sup>2(il known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear					
M		6308259	10-23-2001	David B. Witt						
		5623614	04-22-1997	Van Dyke et al						
		5768576	06-16-1998	Hoyt et al						
-1		6170054	01-02-2001	Mitchell Alexander Poplingher						
		6279106	08-21-2001	James S. Roberts						
		2002194464	12-19-2002	Henry et al						
		5721855	02-24-1998	Hinton et al						
		4200927	04-29-1980	Hughes et al						
		6185676	02-06-2001	Poplingher et al.						
		5394530	02-28-1995	Mayumi Kitta						
		6886093	04-26-2005	G. Glenn Henry	·					
		20040030866	02-12-2004	Thomas C. McDonald						
		20020194461	12-19-2002	· Henry et al.						
		20020194460	12-19-2002	Henry et al.						
		20050132175	06-16-2004	Henry et al.						
		20050044343	02-24-2005	Henry et al.						
		20020188833	12-12-2002	Henry et al.						
		20050114636	05-26-2005	McDonald et al.						
		20040139301	07-15-2004	Thomas C. McDonald						
		20040143727	07-22-2004	Thomas C. McDonald						
		20040139292	07-15-2004	Thomas C. McDonald						
V		20050076193	04-07-2005	Henry et al.						

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INFORM	ATION DIS	CLOSU	JRE	Filing Date	7/31/2003
STATEM	ENT BY A	PPĹIC <i>A</i>	NT	First Named Inventor	THOMAS C. MCDONALD
				Group Art Unit	2183
(use as	many sheets as	necessary		Examiner Name	EDDIE CHAN
Sheet	4	of	4	Attorney Docket Number	CNTR.2144

		NON PATENT LITERATURE DOCUMENTS	
xaminer Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ²
1	AA	Microprocessor Report. Vol.9. No.2. February 16, 1995. page 5	
1	АВ	Microprocessor Report. August 23, 1999. page 7	
	AC	YEH ET AL. Alternative Implementation of Two-Level Adaptive Branch Prediction. 19th Annual International Symposium on Computer Architecture. Pp124-134. May 19-21, 1992. Gold Coast, Australia	
	AD	CHANG ET AL. Alternative Implementations of Hybrid Branch Predictors. Proceedings of MICRO-28. 1995. IEEE.	
	AE	MC FARLING, SCOTT. WRL Technical Note TN-36. "Combining Branch Predictors. June 1993. Western Research Laboratory, 250 University Ave., Palo Alto, CA 94301	
	AF	BRAY ET AL. Strategies For Branch Target Buffers. Technical Report No. CSL-TR-91-480. June 1991.	
	AG	SAKAMOTO ET AL. Microarchitecture Support for Reducing Branch Penalty in a Superscaler Processor. Pp 208-216.  Mittsubishi Electric Corp. 4-1 Mizuhara, Itami, Hyogo 664. Japan, 1996. IEEE.	
	АН	IEEE 100, The Authoritative Dictionary of IEEE Standard Terms, Seventh Edition. The Institute of Electrical Engineering, Inc. New York: Standards Information Network IEEE Press Page 135.	

Examiner Signature	Pose Mill	Date Considered	3/27/2006

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of

Cor	nplete if Known	
Application Number	10/632219	
Filing Date	7/31/2003	
First Named Inventor	Thomas C. McDonald	
Group Art Unit	2183	
Examiner Name	Eddie Chan	
Attorney Docket Number	CNTR.2144 .	

			U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code <sup>2(il known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
W		5850532	12-15-1998	Narayan et al	
m		5752069	05-12-1998	Roberts et al.	
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M		20050198481	09-08-2005	Henry et al.	
M		20050198479	09-08-2005	Bean et al.	
The		6895498	05-17-2005	McDonald et al.	
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